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Salt Lake City,	UT 84111	DATE MAILED: 10/26/2006	DATE MAILED: 10/26/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Applicati	on No.	Applicant(s)			
Office Action Summary		10/729,0	000	GUYNN, JOHN	М		
		Examine	r	Art Unit			
		Andrea M	1. Valenti	3643			
Period fo	The MAILING DATE of this communica r Reply	ation appears on th	e cover sheet w	ith the correspondence ac	ddress		
WHIC - Exter after - If NO - Failu Any r	ORTENED STATUTORY PERIOD FOR HEVER IS LONGER, FROM THE MAI sions of time may be available under the provisions of SIX (6) MONTHS from the mailing date of this commun period for reply is specified above, the maximum statute to reply within the set or extended period for reply will eply received by the Office later than three months after the patent term adjustment. See 37 CFR 1.704(b).	LING DATE OF T 37 CFR 1.136(a). In no exication. tory period will apply and v 1, by statute, cause the app	HIS COMMUNI vent, however, may a vill expire SIX (6) MOI plication to become A	CATION. reply be timely filed NTHS from the mailing date of this of BANDONED (35 U.S.C. § 133).			
Status							
2a)⊠	Responsive to communication(s) filed This action is FINAL . 2b Since this application is in condition fo closed in accordance with the practice)☐ This action is in allowance excep	non-final. t for formal mat	. •	e merits is		
Disposition of Claims							
5)⊠ 6)⊠ 7)□	Claim(s) 1-13 and 16-29 is/are pending 4a) Of the above claim(s) is/are Claim(s) 28 is/are allowed. Claim(s) 1-13,16-27 and 29 is/are reje Claim(s) is/are objected to. Claim(s) are subject to restriction	withdrawn from co	onsideration.				
Applicati	on Papers						
10)	The specification is objected to by the Information The drawing(s) filed on is/are: a Applicant may not request that any objection Replacement drawing sheet(s) including the oath or declaration is objected to be	a) accepted or b on to the drawing(s) ne correction is requi	be held in abeya red if the drawing	nce. See 37 CFR 1.85(a). g(s) is objected to. See 37 C			
Priority u	nder 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
	e of References Cited (PTO-892)			Summary (PTO-413)			
3) 🔲 Inform	e of Draftsperson's Patent Drawing Review (PTC nation Disclosure Statement(s) (PTO/SB/08) · No(s)/Mail Date	D-948)		(s)/Mail Date Informal Patent Application 	·		

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DETAILED ACTION

Claim Objections

Claim 5 is objected to because of the following informalities:

Claim 5, line 3, "the attachment means" should be --the corset or harness--Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 29 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 29, line 9, the statement "all or most" is indefinite. It is unclear what applicant intends to claim. Did applicant intend to claim –substantially all--?

Claim 29, line16, the statement "optionally" renders the claim indefinite because it is not clear if applicant intends to claims the structure limitations that follow it. For examination purposes, the examiner has taken optionally to indicate that these limitations that follow the word "optionally" have not been claimed and are not necessary limitations.

Claim Rejections - 35 USC § 102/103

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

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(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 29, 1-3, 5-8, 20-26 are rejected under 35 U.S.C. 102(b) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over U.S. Patent No. 5,647,378 to Farnum.

Regarding Claim 29. Farnum teaches a restraint device <u>for use in restraining a child in a desired position</u> comprising: a flexible corset or harness comprising one strap <u>sized and configured so as to wrap around at least a portion of a child's body</u> (Farnum #12); at least one fastener connected to the corset or harness that permits selective fastening and unfastening of the corset or harness around at least a portion of the child's body (Farnum #16 a and 16b); a central balancing handle (Farnum Col. 2 line 8-9 and Fig.2 the back middle handle) <u>configured</u> to be gripped by a person's hand, attached to the corset or harness in a manner so that the handle has a loop most of which is disposed (Farnum Fig. 2 the left and right vertical handles) and all disposed (Farnum Fig. 2 middle back handle) is positioned next to a the child's body or clothing adjacent to a central plane of the child's body that passes through either the child's spine and sternum or the child's shoulders (Farnum Fig. 1) and at least partially between the child's head and buttocks so that a hand gripping the handle remains close

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to the child's body and lies on a central balancing plane of the child's body when the restraint device is in used and so that at least a portion of the hand gripping the handle is disposed between at least a portion of the handle and the child's body; and at least one of a friction enhancing material disposed on at least a portion of an inner surface of the strap so as to decrease the tendency of the restraint device to move (Farnum Col. 1 line 58-62).

The device of Farnum is for guiding an individual which inherently could include children and that the device is designed to accommodate individuals of different girth (Farnum Col. 2 line 3-4). Given another interpretation of the claim it could be viewed that Farnum does not explicitly teach the restraint device being worn by a child. However, it would have been obvious to one of ordinary skill in the art to modify the teachings of Farnum at the time of the invention since the modification is merely a change in size to accommodate a child to provide proper safety/rescue/support measures [*In re Rose*, 220 F.2d 459, 463, 105 USPQ 237, 240 (CCPA 1955)].

Regarding Claims 1 and 20-26, Farnum teaches a device comprising a pair of opposing handles (Farnum Fig. 1 and Col. 2 line 8-9), each <u>configured to be gripped</u> (functional language which means the apparatus must merely be capable of performing that function, the examiner has underlined the additional functional language that appears in the claims) by a person's hands; and a corset or harness (Farnum #12) <u>for attaching the pair of opposing handles adjacent to a child's body on opposite sides of a child's body so as to lie on a central balancing plane during use; being configured so that at least one handle lies next to a child's body or clothing while the restraint device is</u>

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worn so that a hand gripping the handle remains close to the child's body during use and so that at least a portion of the hand gripping the handle is disposed between at least a portion of the hand and the child's body; each handle having a loop that extends vertically between upper and lower edges of the corset or harness (Farnum Fig.1 and 2 at least a substantial portion of the handles (i.e. loops) are between the upper and lower edges of the harness, applicant has not claimed the handles in a manner that the entire handle is located between the upper and lower edges nor that the handle can not extend beyond the upper edge) and <u>sized so as to allow insertion therein of at least three fingers of a person using the device to hold or restrain a child</u>; the handles extending laterally away (Farnum fig. 1) from a surface of the corset or harness so as to provide an opening into which a person <u>can</u> readily insert fingers without spreading the handles apart from the attachment means; handle being permanently attached to the corset or harness.

Farnum teaches the restraint is designed to be used when bathing (Farnum Col. 2 line 31-32).

The device of Farnum is for guiding an individual which inherently could include children and that the device is designed to accommodate individuals of different girth (Farnum Col. 2 line 3-4). Given another interpretation of the claim it could be viewed that Farnum does not explicitly teach the restraint device being worn by a child. However, it would have been obvious to one of ordinary skill in the art to modify the teachings of Farnum at the time of the invention since the modification is merely a

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change in size to accommodate a child to provide proper safety/rescue/support measures [*In re Rose*, 220 F.2d 459, 463, 105 USPQ 237, 240 (CCPA 1955)].

Regarding Claim 2, Farnum as modified teaches the handles comprising at least one loop of fabric (Farnum Col. 2 line 10) having an opening that <u>accommodates</u>

<u>insertion</u> of four fingers therethrough while gripping the loop.

Regarding Claim 3, Farnum as modified teaches the corset or harness comprises a single sheet or strap of flexible material configured so as to wrap at least partially around a child's body (Farnum #12).

Regarding Claims 5 and 6, Farnum as modified teaches the corset or harness comprises one or more hook and loop fastening devices *configured* so as to releasably attach the corset or harness to a child's body (Farnum #16a and 16b).

Regarding Claim 7, Farnum as modified teaches the corset or harness configured (merely capable of) and handles positioned relative to the corset or harness so as to position one of the handles at or near the child's spine and the other of the handles at or near the child's sternum (Farnum Fig. 2 left side is **near** the spine and #38 right side is **near** the sternum since near merely means in the vicinity, close by, in the neighborhood; and handle in the middle is near the spine).

Regarding Claim 8, Farnum as modified teaches the corset or harness configured and handles positioned relative to the corset or harness so as to position the handles so that both lie on a central balancing plane that passes through a child's spine and sternum or a central balancing plant that passes through a child' left and right shoulder (Farnum Fig. 1).

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Claim 27 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,647,378 to Farnum in view of U.S. Patent No. 1,310,958 to O'Conner.

Regarding Claim 27, Farnum as modified teaches a pair of straps permanently attached to the harness (Farnum Fig. 1) and do to the broad nature of the claim languages it can be interpreted that the permanent handles of Farnum may be selectively connect and unconnected and that form a loop when selectively connected (Farnum is stitched which is a permanent connection, however, this connection may be, i.e. capable of, selectively unconnected by cutting the stitching, one may cut the stitching if the handle needs to be replaced for one reason or another). Farnum is silent on explicitly teaching means for releasable and reconnectable attachment means for selectively connecting and unconnecting the pair of cooperating straps so as to selectively form and unform the loop. However, O'Conner teaches a restraint device with a strap and handles that have a releasable and reconnectable attachment means (O'Conner #18 and buckle). It would have been obvious to one of ordinary skill in the art to further modify the teachings of Farnum with the teachings of O'Conner at the time of the invention to attach a child to a crib or chair as taught by O'Conner (O'Conner page 1 line 75 to 79).

Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,647,378 to Farnum in view of U.S. Patent No. 6,073,280 to Farnum.

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Regarding Claim 4, Farnum '378 as modified is silent on the attachment means comprising a plurality of straps configured so as to wrap at least partially around the child's torso or limbs. However, Farnum '280 teaches a plurality of straps (Farnum '280 Fig. 2 #19, 33, 18, 54). It would have been obvious to one of ordinary skill in the art to further modify the teachings of Farnum'378 with the teachings of Farnum '280 at the time of the invention since the modification is merely duplicating a part for a multiple effect performing the same intended function of a restraint device modified for the advantage of being able to grip the device in more locations.

Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,647,378 to Farnum in view of U.S. Patent No. 5,007,413 to Thune.

Regarding Claim 9, Farnum as modified is silent on a head restraining system configured to restrain a child's head in a desired position relative to the child's body when the restraint device is in use that engages at least a portion of a child' skull region. However, Thune teaches a head restraint system (Thune Fig. 2 #11, 12) comprising a concave region configured to receive at least a portion of the child's skull in order for the head restraint system to securely restrain that is configured to attach to a child's head and restrain the child's head in a desired position. It would have been obvious to one of ordinary skill in the art to further modify the teachings of Farnum with the teachings of Thune at the time of the invention for the advantage of immobilizing the head in a first aid response as taught by Thune (Thune abstract).

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Claims 10-13, 16, 18, 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,073,280 to Farnum in view of U.S. Patent No. 6,122,778 to Cohen

Regarding Claims 10, 11, 19, Farnum teaches a restraint device for use in holding or restraining a child in a desired position and in a balanced fashion with a single hand of a person desiring to restrain the child; a flexible corset or harness sized and configured so as to wrap around at least a portion of a child's body (FarnumCol. 2 line 1-2), wherein the corset or harness comprises a plurality of flexible straps (Farnum Fig. 2 #19, 33, 54, 18) that are laterally spaced apart that wrap at least partially around the child's torso; at least one fastening device (Farnum #50 and 52) connected to the corset or harness that permits selective fastening and unfastening of the corset or harness around at least a portion of the child's body; a pair of opposite handles (Farnim #32 and 16 and #40, 60, 66) permanently attached to the corset and positioned next to attached to the corset or harness in a manner so that the handle is positioned next to the child's body or clothing adjacent (the term adjacent can be interpreted as nearby, next to, bordering) to the spine, sternum, stomach or chest of the child's body when the restraint device is in use so that a hand gripping the handle remains close to the child's body when the present device is in use; the handles are configured to be gripped by a person's hand.

Farnum is silent on the corset exposes at least a portion of the child's body between the flexible straps so as to permit washing of the exposed portion of the child's body between the flexible straps. However, Cohen teaches a restraint device that has a

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corset that has internal padding that is removed for bathing purposes (Cohen Fig. 8 and Col. 2 line 48-50 and Col. 7 line 52). It would have been obvious to one of ordinary skill in the art to modify the teachings of Farnum with the teachings of Cohen at the time of the invention since the modification is merely the elimination of the undergarment element i.e. the elimination of an element and its function [*In re Kuhle*, 526 F.2d 553, 188 USPQ 7 (CCPA 1975)] when padding and friction is not desired as taught by Cohen or for us in warm conditions the removal of the pad prevents over heating.

Regarding Claim 12, Farnum as modified teaches the handle inherently having sufficient friction that it can be reliably gripped without significant slippage when contacted with soapy water (Farnum Col. 2 line 17).

Regarding Claim 13, Farnum as modified teaches the corset or harness inherently comprising at least one of a fabric, plastic, elastomer, metal or composite material (Farnum Col. 1 line 54-57).

Regarding Claim 16, Farnum as modified teaches the corset or harness further comprising one or more flexible straps sized and configured so as to wrap around at least one of a child's shoulders or legs (Cohen Fig. 8 #40 and 54).

Regarding Claim 18, Farnum as modified teaches the fastening device comprises at least one of a hook and loop system, a buckle, a tie, a snap, a latch, or a ratchet (Farnum #50 and 52).

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Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,073,280 to Farnum and U.S. Patent No. 6,122,778 to Cohen as applied to claim 10 above, and further in view of U.S. Patent No. 5,007,413 to Thune.

Regarding Claim 17, Farnum as modified is silent on a head restraining system configured to restrain a child's head in a desired position relative to the child's body when the restraint device is in use that engages at least a portion of a child' skull region. However, Thune teaches a head restraint system (Thune Fig. 2 #11, 12) comprising a concave region configured to receive at least a portion of the child's skull in order for the head restraint system to securely restrain that is configured to attach to a child's head and restrain the child's head in a desired position. It would have been obvious to one of ordinary skill in the art to further modify the teachings of Farnum with the teachings of Thune at the time of the invention for the advantage of immobilizing the head in a first aid response as taught by Thune (Thune abstract).

Claims 10-13, 16, 18, 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,122,778 to Cohen in view of U.S. Patent No. 6,073,280 to Farnum.

Regarding Claims 10, 11, 19, Cohen teaches the corset has a plurality of straps to wrap around a child's body and that the straps are spaced apart and exposes at least a portion of the child's body between the flexible straps so as to permit washing of the exposed portion of the child's body between the flexible straps (Cohen Fig. 8; Col. 1 line 13-15; Col. 2 line 48-50; Col. 3 line 52). Cohen teaches at least one fastening device

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(Cohen #34 and 38). Cohen teaches handles, but is silent on explicitly teaching a pair of opposite handles permanently attached to the corset and positioned next to attached to the corset or harness in a manner so that the handle is positioned next to the child's body or clothing <u>adjacent</u> (the term adjacent can be interpreted as nearby, next to, bordering) to the spine, sternum, stomach or chest of the child's body when the restraint device is in use so that a hand gripping the handle remains close to the child's body when the present device is in use; the handles are configured to be gripped by a person's hand.

However, Farnum teaches a restraint device for use in holding or restraining a child in a desired position and in a balanced fashion with a single hand of a person desiring to restrain the child; a flexible corset or harness sized and configured so as to wrap around at least a portion of a child's body (FarnumCol. 2 line 1-2), wherein the corset or harness comprises a plurality of flexible straps (Farnum Fig. 2 #19, 33, 54, 18) that are laterally spaced apart that wrap at least partially around the child's torso; at least one fastening device (Farnum #50 and 52) connected to the corset or harness that permits selective fastening and unfastening of the corset or harness around at least a portion of the child's body; a pair of opposite handles (Farnim #32 and 16 and #40, 60, 66) permanently attached to the corset and positioned next to attached to the corset or harness in a manner so that the handle is positioned next to the child's body or clothing adiacent (the term adjacent can be interpreted as nearby, next to, bordering) to the spine, sternum, stomach or chest of the child's body when the restraint device is in use

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so that a hand gripping the handle remains close to the child's body when the present device is in use; the handles are configured to be gripped by a person's hand.

It would have been obvious to one of ordinary skill in the art to modify the teachings of Cohen with the handle teachings of Farnum at the time of the invention for the advantage of lifting and stabilizing a person as taught by Farnum (Farnum Col. 1 line 16-18). The modification is merely the addition of multiple handles for a multiple effect to provide for more gripping surfaces to better stabilized and lift.

Regarding Claim 12, Cohen as modified teaches the handle inherently having sufficient friction that it can be reliably gripped without significant slippage when contacted with soapy water (Farnum Col. 2 line 17).

Regarding Claim 13, Cohen as modified teaches the corset or harness inherently comprising at least one of a fabric, plastic, elastomer, metal or composite material (Farnum Col. 1 line 54-57).

Regarding Claim 16, Cohen as modified teaches the corset or harness further comprising one or more flexible straps sized and configured so as to wrap around at least one of a child's shoulders or legs (Cohen Fig. 8 #40 and 54).

Regarding Claim 18, Cohen as modified teaches the fastening device comprises at least one of a hook and loop system, a buckle, a tie, a snap, a latch, or a ratchet (Farnum #50 and 52).

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Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,122,778 to Cohen in view of U.S. Patent No. 6,073,280 to Farnum as applied to claim 10 above, and further in view of U.S. Patent No. 5,007,413 to Thune.

Regarding Claim 17, Cohen as modified is silent on a head restraining system configured to restrain a child's head in a desired position relative to the child's body when the restraint device is in use that engages at least a portion of a child' skull region. However, Thune teaches a head restraint system (Thune Fig. 2 #11, 12) comprising a concave region configured to receive at least a portion of the child's skull in order for the head restraint system to securely restrain that is configured to attach to a child's head and restrain the child's head in a desired position. It would have been obvious to one of ordinary skill in the art to further modify the teachings of Fernum with the teachings of Thune at the time of the invention for the advantage of immobilizing the head in a first aid response as taught by Thune (Thune abstract).

Allowable Subject Matter

Claim 28 is allowed.

Response to Arguments

Applicant's arguments filed 22 August 2006 have been fully considered but they are not persuasive.

Farnum 5,647,378 teaches two handles and at least a substantial portion of the handles are located between the upper and lower edges of the corset or harness, thus the claim limitation is taught by Farnum. Applicant has not claimed that the a first end of the loop is secured to the top edge and the lower end of the loop is permanently

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attached to the lower edge; applicant has not claimed that the handle can not extend beyond the top edge; applicant has not claimed that the handles is entirely between the upper and lower edges of the corset. Thus, the examiner maintains the rejection of Claim 1 as being taught by Farnum 5,647,378. The handles/loops of Farnum 5,647,378 without modification teach the claim limitations as currently presented since they start in the middle of the corset/harness and extend vertically upward. Examiner disagrees with applicant's arguments that the handles of Farnum extend entirely above the upper edge of the corset/harness.

Claim 10 was rejected by prior art reference Farnum 6,073,280 not Farnum 5,647,378. The examiner maintains the modification is merely the elimination of the undergarment element i.e. the elimination of an element and its function [*In re Kuhle*, 526 F.2d 553, 188 USPQ 7 (CCPA 1975)] when padding and friction is not desired as taught by Cohen or for us in warm conditions the removal of the pad prevents over heating. The examiner has also indicated in the above rejection that the claims are not patentable over Cohen in view of Farnum 6,073,280, where Cohen functions as the primary reference.

All of the independent claims are apparatus claims except claim 20 is a method claim. Examiner maintains that Farnum 5,647,378 teaches all of the claimed structural limitations to perform the method steps in claim 20. Farnum teaches the restraint device is used to bath an individual (Farnum Col. 2 line 32) and Farnum teaches three handles (Farnums Fig. 2). The user would inherently hold one or more of the handles when bathing a person who needs assistance in stabilizing themselves depending on

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which body part was being washed etc. Furthermore, Farnum teaches that device is used on a patient when bathing. The person stabilizing the patient would inherently wash the patient to. Sponge baths are old and notoriously well-known in hospital situations. The examiner maintains that the method steps of the instant claim are readily apparent during the operation of the invalid support belt. As presented in the above rejection, Farnum 5,647,378 teaches the device is for guiding an individual which inherently could include children and that the device is designed to accommodate individuals of different girth (Farnum Col. 2 line 3-4). Given another interpretation of the claim it could be viewed that Farnum does not explicitly teach the restraint device being worn by a child. However, it would have been obvious to one of ordinary skill in the art to modify the teachings of Farnum at the time of the invention since the modification is merely a change in size to accommodate a child to provide proper safety/rescue/support measures and for an invalid/patient child e.g. in a hospital [In re Rose, 220 F.2d 459, 463, 105 USPQ 237, 240 (CCPA 1955)].

Regarding Claim 27, Farnum 5,647,378 teaches a pair of straps that the first ends of the straps are permanently attached to the corset or harness and are integral with each other. However, O'Connor teaches a child restraint device where the first ends of the pair of straps that make up loop #18 are permanently joined to element #19 and that the seconds end of the straps join together via the buckle. Thus, the examiner maintains that it would have been obvious to one of ordinary skill in the art to modify the loop of Farnum with the buckle of O'Connor for the advantage of preventing an invalid

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child from falling from a crib or carriage as taught by O'Connor (O'Connor page 1 line 75-80).

In response to applicant's argument that the device is not explicitly for a child or used in a particular way with a child, a recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention from the prior art. If the prior art structure is capable of performing the intended use, then it meets the claim.

Applicant has not patentably distinguished over the prior art or record. Examiner encourages applicant to **explicitly** claim the structure of a particular embodiment in a "picture claim" manner i.e. including all of the **explicit structural features**.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrea M. Valenti whose telephone number is 571-272-6895. The examiner can normally be reached on 7:00am-5:30pm M-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter M. Poon can be reached on 571-272-6891. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Andrea M. Valenti Primary Examiner Art Unit 3643

24 October 2006